

MUZZLE VELOCITY RECORD							DATE		
For use of this form, see FM 6-40; the proponent agency is TRADOC.							POWDER MODEL		
<b>FIRST-LOT CALIBRATION</b>									
SHELL/FAMILY	FIRST POWDER LOT NUMBER	GUN NUMBER/CHARGE FIRED							
ITEMS		1/	2/	3/	4/	5/	6/	7/	8/
1. WEAPON BUMPER NUMBER									
2. WEAPON TUBE NUMBER									
3. FIRST-LOT CHARGE STANDARD MUZZLE VELOCITY (FROM TABULAR FIRING TABLE [TFT])									
4. CALIBRATED MUZZLE VELOCITY (BATTERY COMPUTER SYSTEM [BCS] ENTRY)									
5. FIRST-LOT PIECE MUZZLE VELOCITY VARIATION (LINE 4 - LINE 3 = LINE 5)									
<b>SECOND-LOT CALIBRATION</b>									
SHELL/FAMILY	POWDER GROUP	GUN NUMBER/CHARGE FIRED							
ITEMS		1/	2/	3/	4/	5/	6/	7/	8/
6. SECOND-LOT CHARGE STANDARD MUZZLE VELOCITY (FROM TFT)									
7. SECOND-LOT CALIBRATED MUZZLE VELOCITY									
8. SECOND-LOT PIECE MUZZLE VELOCITY VARIATION (LINE 7 - LINE 6 = LINE 8)									
9. FIRST-LOT PIECE MUZZLE VELOCITY VARIATION (LINE 5)									
10. CHANGE IN MUZZLE VELOCITY VARIATION (LINE 8 - LINE 9 = LINE 10)									
<b>SECOND-LOT INFERENCE</b>									
11. SECOND-LOT STANDARD MUZZLE VELOCITY (FROM TFT)									
12. CHANGE IN MUZZLE VELOCITY VARIATION (LINE 10)									
13. FIRST-LOT MUZZLE VELOCITY VARIATION (LINE 5)									
14. SECOND-LOT CALIBRATED MUZZLE VELOCITY VARIATION (LINE 12 + LINE 13 = LINE 14)									
15. CALIBRATED MUZZLE VELOCITY (BCS ENTRY) (LINE 11 + LINE 14 = LINE 15)									
REMARKS									